

Exhibit 22
NCMEC 2020-2022 CyberTipline
Reports by ESPs



2020 CyberTipline Reports by Electronic Service Providers (ESP)

NCMEC's CyberTipline is the nation's centralized reporting system for the online exploitation of children, including child sexual abuse material, child sex trafficking and online enticement. In 2020, the CyberTipline received more than 21.7 million reports. 21.4 million of these reports were from Electronic Service Providers that report instances of apparent child sexual abuse material that they become aware of on their systems.

Higher numbers of reports can be indicative of a variety of things including larger numbers of users on a platform or how robust an ESP's efforts are to identify and remove abusive content. NCMEC applauds ESPs that make identifying and reporting this content a priority and encourages all companies to increase their reporting to NCMEC. These reports are critical to helping remove children from harmful situations and to stopping further victimization.

The following is a breakdown of reports by electronic service providers.

**Report totals for related platforms and companies have been combined.*

ESP	Number of Reports
4chan	1,143
4shared	95
Absolute Software Corporation	2
Adobe	1,207
Afilias USA	271
Airbnb	25
Airtime Media	42
Amazon / Twitch	2,235
Amino Apps	97
animebw	3
Apple	265
Ask.fm	109
Asurion Corporation	6
AT&T WorldNet Service	2
Automatic*	9,130
Bark Technologies	661

2020 Reports by ESP 2

ESP	Number of Reports
Big Fish Games	1
Box	153
Bubblup	5
Care.com	1
Center for International Cyber Intelligence	1
Chatango	18
Cloudflare	3,769
Cogent Communications	1
Comcast Cable Communications	10
Deluxe Corporation/ColoCrossing/ HudsonValleyHost	14
deviantART	6
Digital Ocean	60
Directnic.com	1
Discord	15,324
Donuts	1
Dropbox	20,928
Dynadot	1
EasyOnlineSolutions/MojoHost/North Tone/ Hosthead	23
Ebay	20
Electronic Arts	1
Ello.co	88
Endurance International Group*	73
Enom	67
Etsy	1
Evasyst	4
Facebook*	20,307,216
Fotoloco	8
FreeDNS.Afraid.org	2
Gaggle	3,952
Giphy	22
GitHub	2
Globtech*	1,907
GLU MOBILE	3
GoDaddy	30
GoFundMe	1
GoGuardian	40

2020 Reports by ESP 3

ESP	Number of Reports
Google	546,704
Grindr	302
Gumroad	5
Hacker Factor	523
Hewlett Packard Enterprise	11
Hosting Services Inc/Midphase/WestHost/ Autica/VPS	26
IAC/excite/myway/zwinky/mindspark	3
Imagebam/Flixya Entertainment/videobam	10,820
Imgur	31,571
IMVU	16
Indeed	2
INHOPE*	57,170
Internet Archive	143
Interspace Technologies (Byte)	75
JMS Internet,	35
JNJ Mobile Inc, dba MocoSpace	5
LBRY INC	4
LegitScript	3
LEGO System A/S	52
Letgo/Ambatana	7
Life on Air Inc/Houseparty	2,482
Linden Lab/SecondLife	63
LinkedIn	60
Linode	22
LiveMe	1
LookingGlass Cyber Solutions	2
Marinus Analytics LLC/Traffic Jam	32
Match Group*	3,387
MediaFire	421
MediaLab AI*	14,515
Medium	2
Meet Group*	6,384
Mega	2
Mercari	1
MeWe	3,566
Microsoft*	96,776

2020 Reports by ESP 4

ESP	Number of Reports
MindGeek*	13,229
MMGuardian	31
motherless	3,036
Multi Media, LLC/Zmedianow, LLC/ Chaturbate	1,367
myrete/whoshere	3
NameCheap	45
National Center on Sexual Exploitation	33
Neustar	4
Nexeon Technologies	3
Niteflirt/Phrendly.com/Platphorm, LLC	28
Notion Labs	1
OfferUp	2
Omegele	20,265
OTI Holdings	26
OVH US LLC	4
Patreon	19
PayPal	282
Photobucket	6
PicsArt	113
Pinger	3
Pinterest	3,432
Porkbun	7
ProBoards	4
Public Interest Registry	240
Quora	2
Reddit	2,233
RedGIFs	37
Reflected Networks	130
Remind	1
RingCentral	8
Roblox	2,203
Scratch Foundation	15
Scruff App/Perry Street Software	6
sendvid	1,166
SimilarWorlds	18
Slack Technologies	599

2020 Reports by ESP 5

ESP	Number of Reports
SmugMug-Flickr	895
Smule	3
Snapchat	144,095
Sniffies	3
Sony Interactive Entertainment	836
Sprint Nextel	1
StackPath/Highwinds	70
StarNow	5
Stelivo	6,184
SurveyMonkey	1
Sykes	35
Synchronoss Technologies	2,056
Taboola	1
Take-Two Interactive Software	1
The Walt Disney Company	2
Thorn	46
ThumbSnap	1
Thumbtack	3
TikTok*	22,692
Tsu, Inc	2
Twitter	65,062
Uncharted Software	40
Various, Inc./FriendFinder/Tangotime	9
VeriSign	30
Verizon Media	10,267
Verizon Online	130
Verizon Wireless	1
Vero Labs	329
Vimeo	209
Vistaprint	2
Visual Supply Company	29
Vokal (First Media)	160
Web.com/Network Solutions/ Register/ NameBargain	2
Weebly	5
West Interactive Services Corporation	180
WeTransfer	82

2020 Reports by ESP 6

ESP	Number of Reports
Wikimedia Foundation	11
Wildlife Studios	41
WildWorks	5
Wink	15
Younow	862
Yubo	42
Zendesk	1
Zoom Video Communications	499
Totals:	21,447,786



2021 CyberTipline Reports by Electronic Service Providers (ESP)

NCMEC's CyberTipline is the nation's centralized reporting system for the online exploitation of children, including child sexual abuse material, child sex trafficking and online enticement. In 2021, the CyberTipline received more than 29.3 million reports. 29.1 million of these reports were from Electronic Service Providers that report instances of apparent child sexual abuse material that they become aware of on their systems.

Higher numbers of reports can be indicative of a variety of things including larger numbers of users on a platform or how robust an ESP's efforts are to identify and remove abusive content. NCMEC applauds ESPs that make identifying and reporting this content a priority and encourages all companies to increase their reporting to NCMEC. These reports are critical to helping remove children from harmful situations and to stopping further victimization.

The following is a breakdown of reports by electronic service providers.

ESP	Number of Reports
4chan	973
4shared	75
7web	1,908
Absolute Software Corporation	3
Adobe Systems Incorporated	1,066
Affinity Apps	869
Afilias USA	203
Airbnb	62
Airtime Media	95
Alpha Exploration Co (Clubhouse)	620
Amazon	99
Amazon Games	4
Amazon Photos	27,101
Amino Apps	75
animebw	16
Apple	160

2021 Reports by ESP

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ESP	Number of Reports
Apricot Digitals	1
Arctic Wolf Networks, Inc.	3
Ariemgroup Limited	32
Ask.fm	117
Asurion Corporation	2
AT&T WorldNet Service	1
Badoo	475
Bark Technologies Inc	282
BigBang Media	225
Blizzard Entertainment (World of Warcraft)	4
Blue Vision	43
Box	2,599
Bublup	13
Canva	1
Care.com	2
Chatango LLC	2
Checkstep	127
Classmates Online	1
Cloudflare	12,932
Comcast Cable Communications	8
Cyveillance	5
deviantART	6
Digital Ocean	200
Discord	29,606
Dreamstime.com	2
Dropbox	48,371
Easynews/Newshosting/Usenetserver	21
EasyOnlineSolutions/MojoHost/ North Tone/Hosthead	41
Ebay	19
Electronic Arts	7
Ello.co	4
Endurance International Group	103
Enom	56
Etsy	6
Facebook	22,118,952
Fenix International Limited	2,984

2021 Reports by ESP

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ESP	Number of Reports
Fotoloco	9
FreeDNS.Afraid.org	3
Gaggle	4,656
Get Together (IRL)	1
GF Networks	12
Giphy	229
GitHub	4
Globtech	4,078
GLU MOBILE	2
GoDaddy	32
GoFundMe	1
GoGuardian	21
Google	875,783
Grindr	10,671
Gumroad	2
Hacker Factor	386
Hewlett Packard Enterprise	5
Hinge.co	6
Hosting Services Inc/Midphase/ WestHost/Autica/VPS	33
HowlogicKFT	3
Imagebam/Flixya Entertainment/Videobam	54,742
Imgur	47,274
IMVU	10
Indeed	2
InfraWeb Solution Limited	7
INHOPE	130,723
Instagram	3,393,654
Internap Corporation (INAP)	15
Internet Archive	188
Interspace Technologies (Byte)	11
Intrado Interactive Services Corporation	184
JMS Internet	1
JNJ Mobile (MocoSpace)	33
Joyo Technology Pte	1
Kaleton Web S.R.O	1
KnownHost/PrivateSystems Networks	1

2021 Reports by ESP

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ESP	Number of Reports
Lain.la	2
LBRY INC	2
LegitScript	1
LEGO System	37
Life on Air (Houseparty)	8,575
Linden Lab (SecondLife)	30
LinkedIn	110
Linode	28
Luftgescheft	5,270
Marbore Web Solutions Limited	4
Marinus Analytics (Traffic Jam)	9
Match Group	158
Medal.tv	26
MediaFire	3,506
MediaLab (Kik)	33,619
Medium	113
MeetMe	2,930
MeWe	1,444
MG Freesites	16
MG Freesites (Pornhub)	9,029
MG Freesites (Redtube)	21
MG Freesites (Tube8)	6
MG Freesites (Youporn)	31
Microsoft	78,603
Microsoft - Xbox	170
MMGuardian	54
Momentive	3
motherless	3,110
Movie Star Planet	5
Mozilla Corporation	2
Multi Media/Zmedianow/Chaturbate	532
Name.com	1
NameCheap	5
National Center on Sexual Exploitation	14
NEOSOLUT WEB SERVICES	3
Nexeon Technologies	8
NextDoor	2

2021 Reports by ESP

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ESP	Number of Reports
Niteflirt/Phrendly.com/Platphorm	22
NorfexHoldingsLimited	7
Northlock Holdings Limited	2
Notion Labs	1
Novi	1
OfferUp	1
Okcupid	178
Omegele	46,924
Orbiseen s.r.o	2
Outschool	1
OVH US	25
Padlet/Wallwisher/Cloudfront	235
Patook	2
Patreon	37
PayPal	970
People Media	1
Photobucket	10
PicsArt	316
Pinger	2
Pinterest	2,283
PocketStars	1
Pokemon	2
Porkbun	1
PORTICATO MEDIA	13
ProBoards	5
Public Interest Registry	183
Quora	25
RealNetworks	4
Redbubble	41
Reddit	10,059
Redgifs	87
Reflected Networks	124
RingCentral	1
Roblox	4,684
Scratch Foundation	20
Scruff App (Perry Street Software)	19
sendvid	703

2021 Reports by ESP

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ESP	Number of Reports
SimilarWorlds	94
Skout	1,203
Slack Technologies	1,263
SmugMug-Flickr	1,169
Smule	2
Snapchat	512,522
Sniffies	9
Softlayer	1
Sohosolutions	2
Sony Interactive Entertainment	2,071
Spotify USA	258
Squarespace	1
StackPath/Highwinds	4
Stanford Internet Observatory	1
StarNow	1
Stelivo	2,034
Stolichnaq	29
Streamable	90
Streamate	16
Stripe	1
Sykes	2
SynaptiCAD	31
Synchronoss Technologies	3,472
Tagged	5,504
Take-Two Interactive Software	3
TECH MEDIALAND KFT	1
The Walt Disney Company	1
Thorn	114
ThumbSnap	308
Thumbtack	1
TikTok	154,618
Tinder	3,642
Toontown Rewritten	12
Tropical Sun (Clips4Sale)	2
Tsu	18
Tumblr	4,511
Twitch	6,629

2021 Reports by ESP

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ESP	Number of Reports
Twitter	86,666
Uncharted Software	18
Various/FriendFinder/Tangotime	26
Veoh Networks	1
VeriSign	341
Verizon Online	50
Verizon Wireless	5
Vero Labs	177
Vimeo	360
Vistaprint	2
Visual Supply Company	34
Voice	1
Vokal (First Media)	130
Web.com/Network Solutions/ Register/NameBargain	3
Weebly	4
WhatsApp	1,372,696
Whisper	1
Wickr	15
Wikimedia Foundation	8
Wildlife Studios	84
WildWorks (AnimalJam)	8
Wink	108
Wixpress (Wix)	1
WordPress.com (Automattic)	310
x-up.ws	636
Yahoo!	5,485
Younow	1,001
Yubo	885
ZeroFox	1
Zoom Video Communications	548
Zvelo	1
Total:	29,157,083



2022 CyberTipline Reports by Electronic Service Providers (ESP)

NCMEC's CyberTipline is the nation's centralized reporting system for the online exploitation of children, including child sexual abuse material, child sex trafficking and online enticement. In 2022, the CyberTipline received more than 32 million reports. More than 31.8 million of these reports were from Electronic Service Providers that report instances of apparent child sexual abuse material that they become aware of on their systems.

U.S. based ESPs are legally required to report instances of "apparent child pornography" to the CyberTipline when they become aware of them, but there are no legal requirements for proactive efforts to detect this content or what information an ESP must include in a CyberTipline report. As a result, both the volume and content of reports can vary greatly. Higher numbers may indicate robust efforts to identify and remove abusive content. NCMEC encourages all companies to make identifying and reporting this content a priority. For more information about reports made in 2022, visit MissingKids.org/CyberTiplineData.

The following is a breakdown of reports by electronic service providers.

ESP	Reports
4chan	1,374
4shared	631
7web	3,628
9Cloud / luscious	80
Absolute Software Corporation	1
Adobe Systems Incorporated	1,939
Affinity Apps, LLC	270
Afilias USA	144
Airbnb, Inc.	41
Airtime Media Inc.	8
Alpha Exploration Co, Inc (d/b/a "Clubhouse)	1,355
Alterweb Kft	9
Amazon	106
Amazon Photos	55,543

2022 Reports by ESP 2

ESP	Reports
Amino Apps	178
Ancestry.com	1
animebw	38
Antheia Services Limited	2
Apple Inc	234
Apricot Digital LLC	131
Arctic Wolf Networks, Inc.	2
Ariemgroup Limited	19
Ask.fm	26
Asurion Corporation	1
Badoo	2,024
Bark Technologies Inc	265
BigBang Media, LLC	625
Box , Inc. / Box.com	2,407
Brainly, Inc	5
Bublup, Inc.	21
Bumble	182
Canva	1
Chatango LLC	6
CloudFlare, Inc	7,901
Coinbase	32
Comcast Cable Communications, LLC	7
CounterSocial	4
Depop Ltd	1
deviantART Inc.	11
Digital Nomad, Ltd	11,854
Digital Ocean	188
Discord Inc.	169,800
Display Social, Inc.	25
Dreamstime.com, LLC	1
Dropbox, Inc.	45,992
Easynews / Newshosting / Usenetserver	32
EasyOnlineSolutions/MojoHost/ North Tone/ Hosthead	66
Ebay Inc.	63
Edgecast Networks Inc	2
Electronic Arts	1
Ello.co	2

2022 Reports by ESP

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ESP	Reports
Endurance Int'l Group, Inc.	27
Enom	86
Etsy, Inc.	6
Facebook	21,165,208
Fenix International Limited (OnlyFans)	310
Forward Handle, LLC	25,042
Fotoloco	19
Fracture	2
FreeDNS.Afraid.org	3
Frontier Communications of America, Inc.	2
Gaggle.Net, Inc.	3,872
gayboystube	6,506
Get Together, Inc. (d.b.a IRL)	19
GF Networks Ltd	4
Giphy.com	438
GitHub	6
Globtech LLC	1,448
GoDaddy.com/Wild West Domains	52
GoGuardian	6
Google	2,174,548
Grindr	22,819
Guilded LLC	1,461
Gumroad	1
Hacker Factor	378
Haschek Solutions	5
HER App	12
Hinge.co	21
Hopin Ltd.	111
Hosting Services Inc/Midphase/WestHost/Autica/VPS	15
HowlogicKFT	24
IAC / excite / myway / zwinky / mindspark	1
Identity Digital Inc.	61
Imagebam/ Flixya Entertainment/ videobam	12,886
Imgur, LLC	64,211
IMVU, inc.	103
Indeed, Inc	3
InfraWeb Solution Limited	82

2022 Reports by ESP

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ESP	Reports
INHOPE	81,150
Instagram, Inc.	5,007,902
Internap Corporation (INAP)	12
Internet Archive	185
Interspace Technologies (Byte)	4
Intrado Interactive Services Corporation	110
Izeo Dating Ltd	1
JMS Internet, Inc.	33
JNJ Mobile, Inc, d/b/a MocoSpace	8
JustAnswer	1
Kaleton Web S.R.O	43
Lain.la	14
LegitScript, LLC	1
LEGO System A/S	30
Life on Air Inc/Houseparty	1
Lightspeed Systems	38
Linden Lab/ SecondLife	37
LinkedIn Corporation	201
Linode LLC	18
Marbore Web Solutions Limited	19
Marinus Analytics LLC / Traffic Jam	11
Match Group, LLC	7
Medal.tv	31
MediaFire	2,947
MediaLab/Kik	36,801
Medium	2
MeetMe.com (fka myYearbook.com)	2,972
Megapersonals	281
MeWe	1,355
MG Freesites Ltd	91
MG Freesites Ltd (dba Pornhub)	1,996
MG Freesites Ltd (dba Redtube)	6
MG Freesites Ltd (dba Youporn)	2
Microsoft - Online Operations	107,274
Microsoft- other products	138
Microsoft - Xbox	1,185
Milada Ltd.	3

2022 Reports by ESP

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ESP	Reports
MMGuardian	12
Momentive Inc.	2
motherless	1,906
Movie Star Planet	6
Multi Media, LLC/Zmedianow, LLC/Chaturbate	1,149
My Free Cams	1
Name.com	3
NameCheap.com	22
National Center on Sexual Exploitation	10
NEOSOLUT WEB SERVICES LTD	17
New Meta AB	21
Nexeon Technologies	12
NextDoor, Inc	1
Niantic Labs	1
Niteflirt / Phrendly.com / Platphorm, LLC	17
Norfex Services Ltd	2
Notion Labs, Inc.	5
Novi	3
Okcupid.com - Humor Rainbow, Inc.	2,126
Omegle.com LLC	608,601
OpenSea	28
OVH US LLC	13
Padlet	19
Patook LLC	2
Patreon	113
PayPal Inc.	1,137
Photobucket.com	14
PicsArt	549
Pinterest Inc.	34,310
Pixshare.de/Pixshare.org	3
PocketzWorld Inc	4
Porkbun LLC	2
PORTICATO MEDIA LTD	8
Public Interest Registry	121
Quora	2,242
Ravex Web s.r.o.	7
RealNetworks, Inc.	7

2022 Reports by ESP

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ESP	Reports
Redbubble Inc.	118
Reddit, Inc.	52,592
Redgifs.com	470
Reflected Networks, Inc	80
Replit Inc	3
Roblox	2,973
Saturn Technologies	7
Scratch Foundation	81
Scruff App/Perry Street Software, Inc	16
Securly	32,662
Select Media LLC (Fansly)	2
sendvid	264
SimilarWorlds	212
Skout.com	489
Skynet	309
Slack Technologies, Inc.	911
SmugMug-Flickr	802
Snapchat	551,086
Sniffies, LLC	139
Sony Interactive Entertainment	4,102
Spotify USA Inc.	213
Squarespace, Inc.	1
SR LIMNATIS HOLDINGS LTD Hungarian Branch Office	3
Stelivo, LLC	1,003
Streamable, Inc	1,095
Streamate	4
Substack, Inc	11
SynaptiCAD, Inc	156
Synchronoss Technologies, Inc	30,903
Tagged.com	2,991
Take It Down	18
Take-Two Interactive Software, Inc	3
The Rocket Science Group, LLC d/b/a MailChimp	1
The Walt Disney Company	2
Thorn	59
ThumbSnap	1,133
Thumbtack	1

2022 Reports by ESP

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ESP	Reports
TikTok Inc.	288,125
Tinder, Inc.	1,518
TMTG, Corp.	89
Toontown Rewritten	1
TrevorSpace	1
Tropical Sun, Ltd. d/b/a Clips4Sale.com	9
Tsu, Inc	6
Tumblr	4,845
Twitch Interactive, Inc.	14,508
Twitter, Inc.	98,050
UNDECAGON Kft.	29
Upwork	1
Various, Inc. / FriendFinder/ Tangotime	19
VeriSign, Inc.	525
Verizon Online - Account #2 (External)	30
Verizon Wireless	3
Vero Labs, Inc.	469
Vimeo LLC	368
Visual Supply Company	54
Vokal (First Media)	185
Weebly, Inc.	3
WhatsApp Inc.	1,017,555
Wickr Inc.	48
Wikimedia Foundation Inc.	29
Wildlife Studios	52
WildWorks, Inc. / AnimalJam	9
Wink	78
WordPress.com/Automattic	190
x-up.ws	709
Xymara Ltd	1
Yahoo! Inc	3,639
Yelp Inc.	2
YikYak	17
Younow.com	2
Yubo	1,821
Zoom Video Communications, Inc	136
Zvelo	1
Total	31,802,525

MissingKids.org/CyberTiplineData